

IN THE CLAIMS

Claims 1-27 (Canceled).

Claim 28 (Previously Presented): A resin composition for water-resistant and moisture-proof paper comprising 40 to 75 parts by weight of a polyolefin (A), 25 to 60 parts by weight of a tackifier (B) and 0 to 20 parts by weight of at least one compatibilizing agent (C) selected from the group consisting of oxidized polyolefins, hydrogenated styrene-butadiene resins, styrene-ethylene butylene-olefin block copolymer resins and olefin-ethylene butylene-olefin block copolymer resins, the total of (A), (B) and (C) being 100 parts by weight.

Claim 29 (Previously Presented): A resin composition for water-resistant and moisture-proof paper comprising 40 to 75 parts by weight of a polyolefin (A), 25 to 60 parts by weight of a tackifier (B) and 1 to 7 parts by weight of a compatibilizing agent (C), the total of (A), (B), and (C), being 100 parts by weight, and 20 to 300 parts by weight of an inorganic filler (D) to the total amount of 100 parts by weight of (A), (B), and (C), wherein said inorganic filler is blended so that a density of the resin composition is not less than 1.0g/cm³.

Claim 30 (Previously Presented): A resin composition for water-resistant and moisture-proof paper comprising 40 to 75 parts by weight of a polyolefin (A), 25 to 60 parts by weight of a tackifier (B) and 0 to 20 parts by weight of a compatibilizing agent (C), the total of (A), (B) and (C)

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being 100 parts by weight; and at least one sheet of a paper substrate having said resin composition provided directly on at least one side of said sheet, to form a resin composition layer.

Claim 31 (Previously Presented) The resin composition for water-resistant and moisture-proof paper of claim 30, further comprising a (meth)acrylic resin layer formed on the resin composition layer.

Claim 32 (Previously Presented): A resin composition for water-resistant and moisture-proof paper of any one of claims 28 or 30, further comprising 20 to 300 parts by weight of an inorganic filler (D) to the total amount of 100 parts by weight of (A), (B) and (C).

Claim 33 (Previously Presented): The resin composition of any one of claims 28-30, wherein said polyolefin (A) comprises at least one amorphous polypropylene resin.

Claim 34 (Previously Presented): The resin composition of any one of claims 28-30, wherein said polyolefin (A) comprises a polypropylene homopolymer or a copolymer of propylene, with at least one selected from the group consisting of ethylene and alphaolefins.

Claim 35 (Previously Presented): The resin composition of any one or claims 28-30,

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wherein said tackifier (B) comprises at least one member selected from the group consisting of rosin, modified rosins, ester compounds thereof, alkylphenol resins, alkylphenol-modified xylene resins, rosin-modified xylene resins, terpene phenol resins, terpene resins, aromatic-modified terpene resins, olefin resins, styrene resins, petroleum resins, hydrogenated petroleum resins and coumarone-indene resins.

Claim 36 (Previously Presented): The resin composition of claim 35, wherein said tackifier (B) comprises at least one member selected from the group consisting of hydrogenated alicyclic petroleum resins, hydrogenated terpene resins and hydrogenated rosin esters.

Claim 37 (Previously Presented): The resin composition of claim 32, wherein said inorganic filler (D) has an average particles size of not larger than 5 μm .

Claim 38 (Previously Presented): The resin composition of claim 37, wherein said inorganic filler (D) is one selected from the group consisting of calcium carbonate, kaolin and clay, having an average particle size of not larger than 5 μm .

Claim 39 (Previously Presented): The resin composition of claim 32, wherein said inorganic filler is blended so that a density of the resin composition is not less than 1.0 g/cm^3 .

Claim 40 (Previously Presented): The resin composition of any one of claims 28-30, which is colored with the same color as a paper substrate.

Claim 41 (Previously Presented): The resin composition for water-resistant and moisture-proof paper of any one of claims 29-30, wherein said compatibilizing agent (C) consists of at least one agent selected from the group consisting of oxidized polyolefins, acid-modified polyolefins, hydrogenated styrene-butadiene resins, styrene-ethylene butylene-olefin block copolymer resins and olefin-ethylene butylene-olefin block copolymer resins.

Claim 42 (Previously Presented): A water-resistant and moisture-proof paper, comprising: a resin composition comprising 40 to 75 parts by weight of a polyolefin (A), 25 to 60 parts by weight of a tackifier (B) and 1 to 7 parts by weight of a compatibilizing agent (C), the total of (A), (B), and (C), being 100 parts by weight, said resin composition is provided between at least two sheets of a paper substrate.

Claim 43 (Previously Presented): A water -resistant and moisture-proof paper, comprising: a resin composition comprising 40 to 75 parts by weight of a polyolefin (A), 25 to 60 parts by weight of a tackifier (B) and 1 to 7 parts by weight of a compatibilizing agent (C), the total of (A), (B), and (C), being 100 parts by weight, said resin composition provided directly on at least one side of a paper substrate.

Claim 44 (Previously Presented): A water-resistant and moisture-proof paper, consisting of:

a resin composition comprising

40 to 75 parts by weight of a polyolefin (A);

25 to 60 parts by weight of a tackifier (B);

1 to 7 parts by weight of a compatibilizing agent (C), the total of (A), (B), and (C),

being 100 parts by weight; and

optionally 20 to 300 parts by weight of an inorganic filler (D) to the total amount of

100 parts by weight of (A), (B), and (C), to form said resin composition;

one or more sheets of a paper substrates;

one or more penetration-proof layers formed on a face of at least one sheet of said paper substrate;

one or more resin composition layers provided on said penetration-proof layer, and/or provided on another sheet of said paper substrate such that said resin composition layer is in communication with said penetration-proof layer on a different sheet of substrate; and

optionally one or more (meth)acrylic resin layers formed on said one or more resin composition layers.

Claim 45 (Previously Presented): The water -resistant and moisture-proof paper of any one of claims 42-43, said resin composition further comprising: 20 to 300 parts by weight of an inorganic filler (D) to the total amount of 100 parts by weight of (A), (B), and (C).

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Claim 46 (Previously Presented): A water-resistant and moisture-proof paper forming a water-resistant and moisture-proof layer of the resin composition defined in any one of claims 28-30 on at least one side of a paper substrate.

Claim 47 (Previously Presented) The water-resistant and moisture-proof paper of claim 46, wherein a coat layer of a (meth)acrylic resin is formed on the water-resistant and moisture-proof layer.

Claim 48 (Previously Presented) The water-resistant and moisture-proof paper of claim 47, wherein a penetration-proof layer is formed on a face of the paper substrates to be coated with the resin composition and/or on a face of another counterpart paper substrate to be brought into contact with the resin composition.

Claim 49 (Previously Presented): A water-resistant and moisture-proof paper, wherein the resin composition defined in any one of claims 28-30, is provided between at least two sheets of a paper substrate.

Claim 50 (Previously Presented): The water-resistant and moisture-proof paper of claim 42, further comprising at least one penetration-proof layer provided between at least one sheet of said paper substrate and said resin composition.

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Claim 51 (Previously Presented): A method for producing water-resistant and moisture-proof paper, comprising the steps of:

applying a resin composition, comprising 40 to 75 parts by weight of a polyolefin (A), 25 to 60 parts by weight of a tackifier (B) and 0 to 20 parts by weight of a compatibilizing agent (C), the total of (A), (B) and (C) being 100 parts by weight, to at least one side of a paper substrate, to form a water-resistant and moisture-proof layer, and

forming a coat layer of a (meth)acrylic resin on the surface of the water-resistant and moisture-proof layer.

Claim 52 (Previously Presented): A method for producing a water-resistant and moisture-proof paper, comprising:

applying a resin composition comprising 40 to 75 parts by weight of a polyolefin (A), 25 to 60 parts by weight of a tackifier (B) and 1 to 7 parts by weight of a compatibilizing agent (C), the total of (A), (B), and (C), being 100 parts by weight, between at least two sheets of a paper substrate, to form said water-resistant and moisture-proof paper.

Claim 53 (Previously Presented): A method for producing a water-resistant moisture-proof paper, consisting of:

applying a penetration-proof agent to a face of one or more sheets of a paper substrate to form one or more penetration-proof layers;

applying a resin composition to said one or more penetration-proof layers to form one or

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more resin composition layers, and/or to a face of another sheet of said paper substrate to form one or more resin composition layers such that said resin composition is in communication with said penetration-proof layer provided on a different sheet of substrate, and

optionally forming one or more (meth)acrylic resin layers on said one or more resin composition layers,

said resin composition comprises 40 to 75 parts by weight of a polyolefin (A); 25 to 60 parts by weight of a tackifier (B); 1 to 7 parts by weight of a compatibilizing agent (C), the total of (A), (B), and (C), being 100 parts by weight and optionally 20 to 300 parts by weight of an inorganic filler (D) to the total amount of 100 parts by weight of (A), (B), and (C).

Claim 54 (Previously Presented): A method for producing a water-resistant and moisture-proof paper, comprising the step of applying a resin composition comprising 40 to 75 parts by weight of a polyolefin (A), 25 to 60 parts by weight of a tackifier (B) and 1 to 7 parts by weight of a compatibilizing agent (C), the total of (A), (B), and (C), being 100 parts by weight, directly on at least one side of a paper substrate to form a water-resistant and moisture-proof layer.

Claim 55 (Previously Presented): A method for producing water-resistant and moisture-proof paper, comprising the step of applying the resin composition defined in any one of claims 28-30, to at least one side of a paper substrate, to form a water-resistant and moisture-proof layer.

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Claim 56 (Previously Presented): A method for producing moisture-proof paper, comprising the step of applying the resin composition defined in any one of claims 28-30, between at least two sheets of a paper substrate, to form a water-resistant and moisture-proof layer.

Claim 57 (Previously Presented): The method for producing a water-resistant and moisture-proof paper of claim 52, further comprising applying a penetration-proof layer between at least one sheet of said paper substrate and said resin composition.

Claim 58 (Previously Presented): A method for producing water-resistant and moisture-proof paper, comprising the steps of:

applying said resin composition defined in any one of claims 28-30, to at least one side of a paper substrate to form a moisture-proof layer, and

forming a coat layer of a (meth)acrylic resin on the surface of the water-resistant and moisture-proof layer.

Claim 59 (Previously Presented): The method for producing a water-resistant and moisture-proof paper of claim 58, further comprising applying at least one penetration-proof layer between said paper substrate and said resin composition.